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(54) Title: PEPTIDES AND PEPTIDOMIMETICS BINDING TO CD23

(57) Abstract: The present invention describes compounds comprising new and useful peptides and peptidomimetics that can bind to CD23. They are capable of reducing inflammatory responses associated with auto-immune diseases, chronic inflammatory diseases, allergies and other inflammatory conditions such as those mediated by the mammalian immune system. Compounds of the present invention relate to a CD23-binding peptide wherein said peptide comprises an amino-acid sequence of X₁-X₂-X₃-X₄-X₅-X₆-X₇-X₈, wherein: X₁ is Phe, or is absent; X₂ is His or Ala; X₃ is Gfu, Ser, Ala, Asn, Lys, or Cys; X₄ is Asn, Phe, Gln, Pro, Ser, or Ala; X₅ is Trp; X₆ is Pro, Arg, Glu, Gly, Cys, or Lys; X₇ is Ser, Pro, Leu, Thr Ala, Gly, Asn, or absent; and X₈ is Phe, Gly, or is absent.